

EPA Registration No.  
352-901  
Vol. 2

# PROCESSING REQUEST

Reg # 352-901

Decision # 434656

Description: Storage Stability and Corrosion  
Characteristics

**Electronic Label & Letter**  
(see PPLS):

OR

**Non Electronic  
Label & Letter**  
(Scanning required):

☐ Dated:

☒ Dated: 12/11/17

\*\*\*Only one label type should be selected\*\*\*

**Other Materials Sent** (see jacket):

☐ New CSF(s) Dated:

☐ Other:

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: Menyan Adams

Division: BPPD

Phone: 703-347-8496

Date: 12/11/17



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 11, 2017

Patricia G. Devine  
MANAGER, US REGISTRATION, DUPONT CROP PROTECTION  
E.I. DuPont De Nemours and Company  
CHESTNUT RUN PLAZA (CRP 720/2E5)  
974 CENTRE RD.  
WILMINGTON, DE 19805

Subject: E. I DuPont De Nemours and Company's Response to Storage Stability and Corrosion  
Characteristics Terms of Registration

Product Name (EPA Registration Number)	Application Date	EPA Receipt Date	Term(s) of Registration (Guideline No.)	OPP Decision Number
Refined Oil Nepeta Cataria 352-901	August 11, 2016	August 12, 2016	Storage Stability (Guideline No. 830.6317)	434656
			Corrosion Characteristics (Guideline No. 830.6320)	

Dear Ms. Devine:

On December 04, 2008 the U.S. Environmental Protection Agency (EPA) issued a Registration Notice for Refined Oil Nepeta Cataria (EPA Reg. No. 352-901). Term #2 of the Registration Notice required that DuPont Chemical Solutions Enterprise provide acceptable studies to the EPA within 12 months.

On August 12, 2016, the EPA received data from E. I DuPont De Nemours and Company that responded to the data terms of the Registration Notice. In a memorandum dated August 30, 2017, the EPA rated the storage stability and corrosion characteristics (MRID Nos. 499934-01, 481062-01 & 470031-02) data as acceptable. Thus, you have fulfilled Term #2 of the December 04, 2008, Refined Oil Nepeta Cataria Registration Notice.

The results indicate that active components in *Nepeta cataria* TGAI, Dihydronepetalactone (DHN) and Pulegic acid (PA), listed on the CSF, remain within proposed certified limits. For the sum of DHN 9 stereoisomers, the concentration ranges from 66.46 to 64.70 %. For the sum of PA 2 stereoisomers, the concentration ranges from 4.67 to 2.41%. At high temperature (54°C) both active components, DHN and PA, remain within proposed certified limits. The proposed lower and upper limits for DHN = 68% and 100%, respectively. Proposed lower and upper limits for PA = 0% and 10%, respectively. Nominal concentrations of DHN and PA = 69.99 and 6.77%, respectively. Lower certified limits for DHN and PA = 61.59 and 0.45 %, respectively. Upper certified limits for DHN and PA = 78.39 and 9.43%, respectively.

Page 2 of 2  
EPA Reg. No. 352-901  
OPP Decision No. 434656

If you have any questions, please contact Menyon Adams of my team by phone at (703) 347-8496 or via email at [adams.menyon@epa.gov](mailto:adams.menyon@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew C. Bryceland". The signature is fluid and cursive, with a long horizontal stroke at the end.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 2046

Office of Chemical Safety and Pollution Prevention

ACCELERATED REVIEW FOR BIOCHEMICAL BIOPESTICIDE PRODUCT CHEMISTRY  
STORAGE STABILITY AND CORROSION CHARACTERISTICS  
(OCSPP 830. 6317 and 830.6320)  
08/30/2017

EPA Reg. or File Symbol No.	352-901
Chemical Class	Biochemical
PC Code	004801
CAS No.	8023-84-5
DP No	441735
Decision No.	434656
Submission No.	990393
MRID No.	499934-01 (481062-01 & 470031-02)

REVIEWER	Clara Fuentes
REGULATORY ACTION LEADER	Menyon Adams
REGISTRANT	Dupont Crop Protection
REGISTRANT'S REPRESENTATIVE	Dupont Crop Protection

Table 1. Storage Stability of Refined oil of *Nepeta cataria* TGAI (50:1 dilution)

Sampling Interval	Mean% a.i. Stored in different materials		
	glass	Aluminum	HDPE
Initial	92.68	-	-
3 Months	-	83.93	85.07
6 Months	92.63	92.46	93.32
9 Months	-	-	-
12 Months	91.14	93.13	93.95

Table 2. Corrosion Characterisiteis of *Nepeta cataria* TGAI (50:1 dilution)

Sampling Interval	Visual Observations
Initial	unreported
3 Months	unreported
6 Months	unreported
9 Months	unreported
12 Months	No corrosive

**ANALYTICAL METHODS:** GC, with Flame-Ionization Detection (FID). For additional details regarding analytical methods, sample preparation, validation, and calculations see MRID 481062-01

**CONCLUSIONS: Acceptable.** An accelerated storage stability study in MRID 470031-02 shows that active components in *Nepeta cataria* TGAI, Dihydronepetalactone (DHN) and Pulegamic acid (PA), listed on the CSF, remain within proposed certified limits. For the sum of DHN 9 stereoisomers, the concentration ranges from 66.46 to 64.70 %. For the sum of PA 2 stereoisomers, the concentration ranges from 4.67 to 2.41%. At high temperature (54°C) both active components, DHN and PA, remain within proposed certified limits. The proposed lower and

upper limits for DHN = 68% and 100%, respectively. Proposed lower and upper limits for PA = 0% and 10%, respectively. Nominal concentrations of DHN and PA = 69.99 and 6.77%, respectively. Lower certified limits for DHN and PA = 61.59 and 0.45 %, respectively. Upper certified limits for DHN and PA = 78.39 and 9.43%, respectively.

cc: Reviewer: *Clara Fuentes*, RAL: *Menyon Adams*, BPPD Science Review File, BPB Science Review File, IHAD FT, PY-S, 08/30//2017



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460

August 25, 2016

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

DUPONT CROP PROTECTION  
E. I. DU PONT DE NEMOURS AND COMPANY (S300/419)  
STINE-HASKELL RESEARCH CENTER  
PO.BOX : 30  
NEWARK, DE 19714-0030

Report of Analysis for Compliance with PR Notice 11-03

Thank you for your submittal of 12-AUG-16. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 11-03. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

Receipt for Section 3

S: 990393

Milestone Email:

Regulatory Type: Product Registration - Section 3

Resubmission: ☒ Yes ☐ No

Print Letter

Application Type: Amendment

Fee For Service: ☐ Yes ☒ No

Enter More Information

Billable: ☐ Yes ☒ No

Tracking

Company: 352 E. I. DU PONT DE NEMOURS AND COMPANY (S

V

Risk Manager: Biologicals & Pollution Prevention Division, PM Team 91

Product #: 352-901 Product Name: REFINED OIL OF NEPETA CATARIA

Override#:

Me Too  
Section3:

Me Too Product  
Name:

Application Date: 11-Aug-2016

OPP Rec'd Date: 12-Aug-2016

Front End Date: 12-Aug-2016

Risk Manager Send Date: 12-Aug-2016

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Submission of response to cond data dated 9-1-2010.

New Ingredient

Request Date:

New Ingredient

Received Date:

Form A: ☐

Signature Date:

Form B: ☐

Signature Date:

Receipt Content	Des
Study	

View/Edit

Dec 04, 2008



DuPont Crop Protection  
Stine-Haskell Research Center  
P.O. Box 30  
Newark, DE 19714-0030

August 11, 2016

**VIA FEDERAL EXPRESS**

Fee For Service: No Fees are proposed for this action, as none are required to submit studies.

Ms. Linda Hollis  
Biopesticides and Pollution Prevention Division (BPPD)  
Document Processing Desk  
U.S. Environmental Protection Agency  
Office of Pesticide Programs (7504P)  
One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

**Subject: Submission of Response to Storage Stability & Corrosion Characteristics Decision #434656 (dated 01-September-2010) for**

Refined Oil of *Nepeta cataria* technical; EPA Reg. 352-901 (Formerly 71654-20)  
Refined Oil of *Nepeta cataria* 7% Lotion; EPA Reg. No. 352-902 (Formerly 71654-21)  
Refined Oil of *Nepeta cataria* 15% Lotion; EPA Reg. No. 352-903 (Formerly 71654-23)  
Refined Oil of *Nepeta cataria* 7% Liquid; EPA Reg. No. 352-904 (Formerly 71654-24)  
Refined Oil of *Nepeta cataria* 15% Liquid; EPA Reg. No. 352-905 (Formerly 71654-25)

Dear Ms. Hollis:

In May of 2014, the above listed products were transferred from company # 71654 (DuPont Chemical Solutions Enterprise) to company # 352 (DuPont Crop Protection).

In the process of reviewing the products, it was discovered that in September of 2010, company # 71654 received an evaluation of the Storage Stability study (MRID 48106201) submitted in response to the terms and conditions of registration as issued December 4, 2008. This study (OPPTS 830.6317 and 830.6320) was classified as UNACCEPTABLE BUT UPGRADABLE.



DuPont Crop Protection  
Stine-Haskell Research Center  
P.O. Box 30  
Newark, DE 19714-0030

DuPont Crop Protection has determined that no response to this communication was ever submitted by company #71654 prior to the transfer. Therefore, we submit herein a position paper identified as DuPont-47312 in response to the three items identified in the communication to Company # 71654 as per Decision #434656.

A data transmittal and three copies of the following position paper are enclosed:

DuPont-47312	Refined Oil of <i>Nepeta Cataria</i> : Response to Decision # 434656 (Storage Stability and Corrosion Characteristics (MRID 48106201))
--------------	--

Please feel free to contact me at (302) 451-4525 if you have any questions regarding this submission.

Sincerely,

Bonnie J Bieber  
U.S. Product Registration Specialist



**DATA TRANSMITTAL DOCUMENT**

**Refined Oil of Nepeta Cataria**

**Name and Address of Submitter:**

E.I. DuPont de Nemours and Company  
1090 Elkton Road P.O. Box 30  
Newark, DE 19714

Phone (302) 451-4525 (Bonnie J Bieber)

**Regulatory Action in Support of Which this Package is Submitted:**

Information Submitted in support of continued registration of Refined Oil of *Nepeta cataria*

**Product Name:**

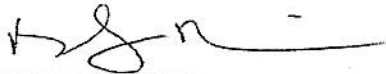
Refined Oil of Nepeta cataria technical; EPA Reg. 352-901 (Formerly 71654-20)  
Refined Oil of Nepeta cataria 7% Lotion; EPA Reg. No. 352-902 (Formerly 71654-21)  
Refined Oil of Nepeta cataria 15% Lotion; EPA Reg. No. 352-903 (Formerly 71654-23)  
Refined Oil of Nepeta cataria 7% Liquid; EPA Reg. No. 352-904 (Formerly 71654-24)  
Refined Oil of Nepeta cataria 15% Liquid; EPA Reg. No. 352-905 (Formerly 71654-25)

**Transmittal Date:** August 11, 2016

**List of Submitted Studies:**

<u>Data Requirement</u>	<u>Doc Number</u>	<u>Study Title</u>	<u>MRID</u>
NA	DuPont-47312	Refined Oil Of <i>Nepeta Cataria</i> : Response To Decision # 434656 (Storage Stability and Corrosion Characteristics (MRID 48106201))	<b>49993401</b>

Submitter:



Date:

11- AUG-2016

Bonnie J Bieber

U.S. Product Registration Specialist

Company Name: E.I. du Pont de Nemours and Company





# BPPD Old Active Ingredient Checklist

## New Product Registration/Existing Product Amendment

Fast Track X PRIA Actions B650 ☐, B660 ☐, B670 ☐, B680 ☐, B710 ☐, B720 ☐, B730 ☐, B880 ☐ & B900 ☐

EPA Reg. No.: 352-901

RAL: Menyon Adams

Application Date: 10/17/2016

x	Check list Item	Yes	No
1.	<b>Application Form</b> (EPA Form 8570-1) - signed & complete including package type? <b>IF NO, STOP!</b> Call applicant and have them correct application and resubmit.	x	
2.	If amendment, was <b>final printed labeling</b> received for previous action? <b>IF NO, STOP!</b> E-mail applicant and request final printed labeling.	x	
3.	<b>Confidential Statement of Formula</b> (CSF) EPA Form 8570-4 Basic Formula x Alternate Formula(s) <input type="checkbox"/>		
a.	CSF Review completed? <b>IF YES, SKIP to ITEM 4.</b>	x	
b.	CSF is signed and dated? <b>IF NO, CALL APPLICANT.</b>		
c.	Completely filled out: CAS numbers, pH, flashpoint, flammability, if applicable?		
d.	Are the totals accurate?		
e.	Certified limits agree with 40 CFR 158.175? Note that if preliminary or 5 batch analysis differ from Section 158.175(b), limits based on batch analysis would need to be proposed under Section 158.175(c).		
f.	Viability (if live microbial, i.e., cfu/gram)? NA <input type="checkbox"/>		
g.	PC codes assigned on CSF for actives & inerts plus 40 CFR 180.910, 180.920, and 180.930 codes noted for products that have food or feed uses?		
h.	List 1 inert ingredient(s) present in the formulation? If YES, be sure it is listed on the label.		
i.	Alternate formula(s) do not require different labeling from basic CSF or other alternate CSFs per 40 CFR 152.43(b)(3). NA <input type="checkbox"/>		
j.	Source for a.i. is a registered pesticide? (When a proposed alternate or new basic formula involves a new registered manufacturing-use product as the active ingredient source it must be determined whether the manufacturing-use products used to formulate are similar enough to warrant use of existing product specific data such as acute toxicity.)		
k.	Does CSF list peanuts, tree nuts, milk, soybeans, eggs (including putrescent eggs), fish, crustacea, or wheat commodities? <b>IF YES</b> , RAL must evaluate label directions for compliance with 40 CFR 180.1071.		
4.	<b>Data and Data Matrix</b> present. (EPA Form 8570-35)		
a.	a) Using Selective Method? [ <b>IF NO, SKIP to ITEM 5 since data matrix required for selective method.</b> ]	x	
b.	Complete Data Matrix supporting both the product registration and, if applicable, the proposed amendment. Minimum Data Matrix for registration includes: product specific acute toxicity, product chemistry, and efficacy data for public health pests claimed on label.	x	
c.	Adequate product specific data submitted?	x	
d.	Registered source used for active ingredient? <b>IF YES, SKIP to ITEM 5.</b> (If active ingredient is from a registered source (manufacturing-use product), generic data should be satisfied by registered source.) <b>IF NO or if use not supported by registered source</b> , generic data is necessary.		x
e.	Data passed PR Notice 86-5 for formatting and MRID number assignment?	x	
f.	Public copy of Data Matrix provided? (PRN 98-5)	x	
5.	<b>Certification with Respect to Citation of Data</b> (EPA Form 8570-34): See 40 CFR 152.80-98 and PR Notice 98-5 [Note: If no data are required or submitted, form is not needed. This is often true for minor amendments.]		
a.	Did applicant check a Method of Support?	x	
b.	General Offer to Pay checked for Cite-all Method or Cite-all under Selective Method?		x
c.	Is the form signed and dated?	x	
d.	Check form and Data Matrix; are Exclusive Use data cited from other sources?		x
e.	<b>IF YES</b> , is the required authorization letter included in application?		
6.	<b>Formulators Exemption</b> (EPA Form 5870-27)		
a.	If registrant is using a registered source active ingredient in the formulation (manufacturing-use		x



	product), is form filled out completely and signed?	NA <input type="checkbox"/>	
#	Check list Item	Yes	No
7.	<b>Exclusive Use Notice Requirement Prior to Registration</b> (Required per 40 CFR 152.116, separate from permission of an exclusive use data submitter to rely on exclusive use data)  Is this an exclusive use active ingredient or mix of active ingredients (registered w/in last 10 yrs)? If YES, go to a) or b) below.		x
a.	a) Has a notification of intent to register letter or email been sent to the exclusive use data submitter(s) at least 30 days before registration? (This notification is required for all methods of data support except when the exclusive use data submitter(s)' product is used to formulate and the formulator's exemption is claimed.)		x
b.	Has exclusive use data submitter requested during 30 day period the applicants' list of data requirements and method of compliance?		x
c.	Has registrant submitted certification from exclusive use data submitter that submitter is aware of the application and does not object to the registration ?		x
8.	<b>Science Review</b> completed? Comments:		x
9.	<b>Label(s) Review</b> <b>Menyon Adams</b> <b>Date of Label Review:</b> <b>03/08/17</b>		
a.	Label(s) in conformance with current <i>Label Review Manual</i> and appropriate REDS.	x	
b.	Labeling statements and claims are supported by Acute Toxicity, Product Chemistry data (or acceptable waivers). Acceptable efficacy studies support public health pests claimed on label.	x	
c.	Nominal concentration of active ingredient shown in ingredients statement.	x	
d.	Viability included as sub-statement of Ingredient Statement (if live microbial, i.e., cfu/gram).		
e.	Storage and disposal instructions agree with container types listed on application form.	x	
f.	Unique Product Name for Same Company (Check OPPIN).	x	
g.	Does CSF list peanuts, tree nuts, milk, soybeans, eggs (including putrescent eggs), fish, crustacea, or wheat commodities? <b>If YES</b> , RAL must evaluate label use directions for compliance with 40 CFR 180.1071.		x
h.	Does label bear "National Organic Program"(PR Notice 2003-1) or OMRI claims?		x
	If YES, National Organic Program or OMRI claims approved by Chris Pfeifer? <input type="checkbox"/>	NA	
i.	Labeling is acceptable. Corrections or changes are NOT necessary.	x	
j.	Are DERs attached?		
k.	Comments:		

Create/E... Collections Utilities Query T... Portal Help Exit	
S: 993708	Milestone Email: <input type="text"/>
Regulatory Type: Product Registration - Section 3	Resubmission: <input type="radio"/> Yes <input checked="" type="radio"/> No
Application Type: Amendment	Fee For Service: <input type="radio"/> Yes <input checked="" type="radio"/> No
Company: 352 E. I. DU PONT DE NEMOURS AND COMPANY (S)	Billable: <input type="radio"/> Yes <input checked="" type="radio"/> No
	<input checked="" type="checkbox"/> V
Risk Manager: Biologicals & Pollution Prevention Division, PM Team 91	
Product #: 352-901	Product Name: REFINED OIL OF NEPETA CATARIA
Override#: <input type="text"/>	
Me Too Section3: <input type="text"/>	Me Too Product Name: <input type="text"/>
Application Date: 17-Oct-2016 <input checked="" type="checkbox"/>	OPP Rec'd Date: 19-Oct-2016 <input checked="" type="checkbox"/>
Front End Date: 19-Oct-2016 <input checked="" type="checkbox"/>	Risk Manager Send Date: 20-Oct-2016 <input checked="" type="checkbox"/>
FFS Due Date: <input type="text"/>	Negotiated Due Date: <input type="text"/>
OPP Target Date: <input type="text"/>	
Fast Track: <input type="checkbox"/>	New Ingredient: <input type="checkbox"/>
Receipt Description: AMENDMENT	
<div>Form A: <input type="checkbox"/> Signature Date: <input type="text"/></div> <div>Form B: <input type="checkbox"/> Signature Date: <input type="text"/></div>	
<div> <div>Receipt Content</div> <div>Paper Label</div> <div>View/Edit</div> </div>	

Received 10/25/14 MMS  
 Entered Bonnie 10/26/14



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

October 20, 2016

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

MR. JACOB. J. VUKICH  
E. I. DU PONT DE NEMOURS AND COMPANY (S300/419)  
ATTN: MANAGER, US REGISTRATION, DUPONT CROP PROTECTION  
CHESTNUT RUN PLAZA, 974 CENTRE ROAD, PO BOX 2915  
WILMINGTON, DE 19805-

PRODUCT NAME: REFINED OIL OF NEPETA CATARIA  
COMPANY NAME: E. I. DU PONT DE NEMOURS AND COMPANY (S300/419)  
OPP IDENTIFICATION NUMBER:  
EPA FILE SYMBOL: 352-901  
EPA RECEIPT DATE: 10/19/16

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Biologicals & Pollution Prevention Division, PM Team 91, at (703) 305-6928.

Sincerely,

A handwritten signature in black ink, appearing to be "S. J. Vukich", written over a horizontal line.

Front End Processing Staff  
Information Services Branch  
Information Technology & Resources Management Division



**Fee for Service**

{993708D~

This package includes the following

- ☐ New Registration
- ☒ Amendment

- ☐ Studies?      ☐ Fee Waiver?
- ☐ volpay    % Reduction: \_\_\_\_

for Division

- ☐ AD
- ☒ BPPD
- ☐ RD

Risk Mgr. 91

Receipt No.	S-	<span style="border: 1px solid black; padding: 2px 20px;">993708</span>
EPA File Symbol/Reg. No.		<span style="border: 1px solid black; padding: 2px 20px;">352-901</span>
Pin-Punch Date:		<span style="border: 1px solid black; padding: 2px 20px;">10/19/2016</span>

☒ This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: \$ \_\_\_\_\_

Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: Andrew Bryce

Date: 10/20/16

Remarks:



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number DuPont/ 352-901	2. EPA Product Manager Andrew Bryceland	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DuPont/ Refined Oil of Nepeta cataria	PM#	
5. Name and Address of Applicant (Include ZIP Code) E. I. du Pont de Nemours & Company DuPont Crop Protection, Stine Haskell Research Center 1090 Elkton Rd (S300-431) Newark, DE 19714-0030 Attention B. Bieber (302-451-4525) bonnie.j.bieber@dupont.com		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____
<input type="checkbox"/> Check if this is a new address		

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Application to amend the product registration to revise the container handling statements in the STORAGE AND DISPOSAL text box as per the requirements of Subpart H of 40 CFR §156 ("Container Labeling") and EPA Pesticide Registration Notice 2007-4, add marketing language and make other minor formatting changes for Refined Oil of Nepeta cataria label identified as TD-239 092716.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Bonnie J Bieber	Title Registration Specialist	Telephone No. (Include Area Code) 302-451-4525	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Specialist		
4. Typed Name Bonnie J. Bieber	5. Date 17-October-2016		





DuPont Crop Protection  
Stine-Haskell Research Center  
P.O. Box 30  
Newark, DE 19714-0030

October 17, 2016

**DELIVERED BY COURIER SERVICE**

Document Processing Desk (AMEND/NOTIF)  
Menyon Adams PM  
Office of Pesticide Programs (7504P)  
U. S. Environmental Protection Agency  
One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

**ACTION: Fast Track Amendment**  
**FEE CATEGORY: Not Applicable**      **REGISTRATION FEE: Not Applicable**

E-mail contact: DuPont.USRegFee@USA.DuPont.com

**SUBJECT: Notification of label change per PR Notice 2007-4 and Label Amendments for:**

**Refined Oil of *Nepeta cataria* (EPA Reg # 352-901)**  
**Refined Oil of *Nepeta cataria* 7% Lotion (EPA Reg # 352-902)**  
**Refined Oil of *Nepeta cataria* 15% Lotion (EPA Reg # 352-903)**  
**Refined Oil of *Nepeta cataria* 7% Liquid (EPA Reg # 352-904)**  
**Refined Oil of *Nepeta cataria* 15% Liquid (EPA Reg # 352-905)**

Dear Ms Adams:

In accordance with PR Notice 2007-4, DuPont is notifying the Agency of revisions to the container handling statements for the above referenced products. This notification also represents the first registration action on these labels since the products were transferred from company # 71654 to company # 352 in May of 2014 and the labels have been reformatted to reflect registrant information for company # 352.

In addition to the above, the labels submitted herein also contain the following changes for consistency across the lotion and liquid products:

- The First Aid and Precautionary statements box has been relocated to its proper position on the label.
- Within the precautionary language on both lotion formulations (352-902 and 352-903), the phrase "Ask a doctor before using on children under 1 year of age" has been deleted. This phrase does not appear on the currently approved liquid formulation labels (352-904 and 352-905).
- An incorrect emergency contact number has been deleted and HOTLINE number information and the associated language has been added.
- On the lotion and liquid formulations (352-902, -903, -904, and -905), the word "treated" has been deleted from the following sentence in the Directions for Use: "Also wash ~~treated~~ clothing before wearing it again." This deletion was made because none of the labels recommend treatment of clothing.
- On the lotion formulations (352-902 and 352-903), the following statement has been deleted from the directions for use "An adult must apply this product to children under ten years of age". This phrase does not appear on the currently approved liquid formulation labels (352-904 and 352-905).

October 17, 2016

Page 2

- Additional optional marketing language has been added to the end of the label (please reference highlighted labels included).

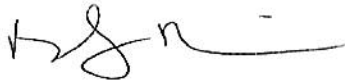
Attached please find the following documents supporting this notification:

- Application for Pesticide Registration (EPA form 8570-1) for each product – dated October 17, 2016
- Two copies of each of the above referenced labels one with changes highlighted
- A data matrix that includes all four formulations and the technical product
- Form 8570-34 for each product.

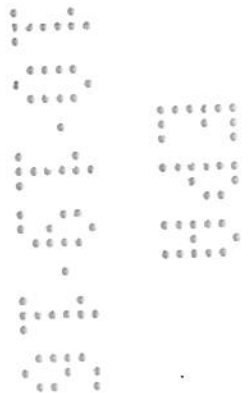
This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling (except as noted). I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please let me know if you have any questions or concerns. I can be reached by phone at 302-451-4525 or via email at [bonnie.j.bieber@usa.dupont.com](mailto:bonnie.j.bieber@usa.dupont.com).

Regards,



Bonnie J. Bieber  
Product Registration Specialist



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
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**Data Matrix**

Date: 17-Oct-2016					
Applicant's / Registrant's Name & Address:  E. I. DuPont de Nemours and Company, DuPont Crop Protection, P.O. Box 30, Newark, DE 19714-0030		Product:  Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7% Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-904), Refined Oil of Nepeta cataria 15% Liquid (352-905)			
Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
830.1700	Solubility Analysis, and Storage Stability Analysis of Hydrogenated Catnip Oil (HCO) Active Ingredient : Report No.P0002395	47003102	352	Own	
830.1800	Enforcement Analytical Method for the Active Ingredient: (Hydrogenated Catnip Oil).: Report No.P0002366	47003103	352	Own	
880.1100	Supplement to Product Chemistry Requirements: (Refined Oil of Nepeta cataria).: Report No.NA	47422901	352	Own	
830.6302, 830.6303, 830.6304, 830.6313, 830.6315, 830.6317, 830.6319, 830.6320, 830.7000, 830.7050, 830.7100, 830.7200, 830.7220, 830.7300, 830.7840, 830.7950	Summary of Physical and Chemical Characteristics of Technical Grade Active Ingredient: (Refined Oil of Nepeta cataria).: Report No.NA	46977422	352	Own	



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Applicant's / Registrant's Name & Address:  E. I. DuPont de Nemours and Company, DuPont Crop Protection, P.O. Box 30, Newark, DE 19714-0030		Product:  Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7% Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-904), Refined Oil of Nepeta cataria 15% Liquid (352-905)			
Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
830.6302, 830.6303, 830.6304, 830.6315, 830.7000, 830.7100	Physical and Chemical Characteristics of Hydrogenated Catmint Oil TGAI: Color, Physical State, Odor, Flammability, pH and Viscosity: Final Report.: Report No.3280-17	46977420	352	Own	
880.1100, 880.1200	Product Identity and Composition (Refined Oil of Nepeta cataria): Report No.NA	47003101	352	Own	
830.1750	Certified Limits and Supplement to Preliminary Analysis: Report No.NA	47003104	352	Own	
830.6303, 830.6315, 830.7000, 830.7100, 830.7300	Physical and Chemical Characteristics of Refined Oil of Nepeta cataria 15% (w/w) Liquid Formulation 16307048: Physical State, Flammability, pH, Viscosity and Relative Density.: Report No.NA	47181308	352	Own	
880.1100, 880.1200	Identity and Composition of 15% Refined Oil of Nepeta cataria Liquid Formulation.: Report No.NA	47181307	352	Own	
830.1750	Certified Limits: 1630704A Liquid and 1630704B Liquid.: Report No.NA	47181309	352	Own	

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Applicant's / Registrant's Name & Address:  E. I. DuPont de Nemours and Company, DuPont Crop Protection, P.O. Box 30, Newark, DE 19714-0030		Product:  Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7% Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-904), Refined Oil of Nepeta cataria 15% Liquid (352-905)			
Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
830.6303, 830.6315, 830.6317, 830.6320, 830.7000, 830.7100, 830.7300	Summary of Physical and Chemical Characteristics of Formulations CU 1630704A and CU 1630704A: Report No.NA	47181310	352	Own	
880.1100, 880.1200	Identity and Composition of 1630704A Liquid and 1630704B Liquid.: Report No.NA	47425401	352	Own	
830.1800, 830.6313, 830.7840	Analytical Method for Formulations: Refined Oil of Nepeta cataria 15% Lotion: Report No.NA	47003302	352	Own	
830.6302, 830.6315, 830.7000	Physical and Chemical Characteristics of 15 wt.% Hydrogenated Catmint Oil Lotion: Physical State, Flammability and pH: Report No.3280-14	46977311	352	Own	
830.1750	Certified Limits Lotion Formulation CLI 1630802C and CLI 1630802D.: Report No.NA	47003303	352	Own	
830.6302, 830.6315, 830.7000, 830.7100, 830.7300	Summary of Physical and Chemical Characteristics of Formulations CU 1630802C and CU 1630802D.: Report No.NA	46977310	352	Own	

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Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
830.7100, 830.7220, 830.7950	Determination of Boiling Point and Vapor Pressure (Static Method) for a Liquid TGAI and Viscosity for Two Lotion Formulations: Report No.DuPont-P00011	47003105	352	Own	
880.1100, 880.1200	Identity and Composition of Formulations CU 1630802C and CU 1630802D.: Report No.NA	47003301	352	Own	
830.6303, 830.6315, 830.7000, 830.7100, 830.7300	Physical and Chemical Characteristics of Refined Oil of Nepeta cataria 7% (w/w) Liquid Formulation 1630704A: Physical State, Flammability, pH, Viscosity, Relative Density: Report No.3280-32	47181402	352	Own	
880.1100, 880.1200	Identity and Composition of 7% Refined Oil of Nepeta cataria Liquid Formulation.: Report No.NA	47181401	352	Own	
830.6303, 830.6315, 830.7000, 830.7100, 830.7300	Physical and Chemical Characteristics of 7 wt Percent Hydrogenated Catmint Oil Lotion: : Physical State, Flammability, and pH, Nepeta cataria Oil: Report No.3280/13	47013901	352	Own	
830.7300	Characterization of Aged Hydrogenated Catnip Oil (HCO) Formulations: Report No.P00009	47234301	352	Own	
830.6317, 830.6320	One Year Storage Stability Analysis and Container Corrosion Characteristics of Refined Oil of Nepeta cataria and Refined Oil of Nepeta cataria Formulations: Report No.CCAS/200702/SO4	48106201	352	Own	

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Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
880.1100, 880.1200, 880.1400	Refined Oil of Nepeta Cataria: Identity and Composition of 15% Lotion and 7% Lotion – Revision to original report identified as MRID 47003301: Report No.DuPont-47695	50032401	352	Own	
810.3700	Supplement to Efficacy Studies Submitted Under Refined Oil of Nepeta cataria Technical and Manufacturing-Use Product: EPA File Symbol 71654-ER: 1630704A Liquid and 1630704B Liquid: Report No.NA	47181311	352	Own	
810.3700	Evaluation of the Efficacy of Personal Repellents Against Black Flies in Maine.: Report No.0306/313/0141	47015602	352	Own	
810.3700	Documentation of Ethical Conduct: Evaluation of the Efficacy of Personal Repellents Against Black Flies in Maine.: Report No.0306/313/0141	47113801	352	Own	
810.3700	Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Maine: Report No.0306/313/0142	46977424	352	Own	
810.3700	Documentation of Ethical Conduct: Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Maine: Report No.0306/313/0142	47113802	352	Own	
810.3700	Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Florida: Report No.0306/313/0143	46977425	352	Own	
810.3700	Documentation of Ethical Conduct: Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Florida: Report No.0306/313/0143	47113803	352	Own	
NA	Response from DuPont to the U.S. EPA Genetic Toxicity Recommendation in 'Science Review and Human Health Risk Assessment in Support of the Registration of the Insect Repellent Refined Oil of Nepeta cataria (TGAI), and Two Lotion End-Use Products': Report No.NA	47362604	352	Own	

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E. I. DuPont de Nemours and Company, DuPont Crop Protection, P.O. Box 30, Newark, DE 19714-0030		Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7% Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-904), Refined Oil of Nepeta cataria 15% Liquid (352-905)			
Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
NA	Supplement: Prediction of Minor Constituents of Refined Oil of Nepeta cataria as Likely Hydrogenation Products.: Report No.NA	47362602	352	Own	
NA	Supplement to Preliminary Analysis: Physical and Chemical Characteristics: (Nepeta cataria oils): Report No.NA	47370401	352	Own	
810.3700	Supplement to 'Evaluation of the Efficacy of Personal Repellents against Mosquitoes in Maine' (MRID 46977424), 'Evaluation of the Efficacy of Personal Repellents against Mosquitoes in Florida' (MRID 46977425) : Report No.NA	47362603	352	Own	
830.6317 830.6320	Refined Oil of Nepeta cataria:Response to Decision # 434656 (Storage Stability and Corrosion Characteristics (MRID 48106201)): Report No.DuPont-47312	49993401	352	Own	
870.1100	Hydrogenated Catmint Oil: Acute Dermal Toxicity Study in Rats: Report No.DuPont-17550	46977402	352	Own	
870.1100	Hydrogenated Catmint Oil: Acute Oral Toxicity Study in Rats - Up-and-Down Procedure: Report No.DuPont-17740	46977401	352	Own	
870.1300	Hydrogenated Catmint Oil: Inhalation Median Lethal Concentration (LC50) Study in Rats: Report No.DuPont-17408	46977406	352	Own	
870.2400	Hydrogenated Catmint Oil: Acute Eye Irritation Study in Rabbits: Report No.DuPont-17533	46977403	352	Own	
870.2500	Hydrogenated Catmint Oil: Acute Dermal Irritation Study in Rabbits: Report No.DuPont-17519	46977404	352	Own	
870.2600	Hydrogenated Catmint Oil: Local Lymph Node Assay (LLNA) in Mice: Report No.DuPont-17409	46977405	352	Own	
870.3200	Hydrogenated Catmint Oil: 28-Day Repeated-Dose Dermal Toxicity Study in Rats: Report No.DuPont-17327 RV1	46977415	352	Own	



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Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
870.3700	Hydrogenated Catmint Oil: Developmental Toxicity Study in Rats: Report No.DuPont-17343	46977408	352	Own	
870.5100	Hydrogenated Catmint Oil: Bacterial Reverse Mutation Test: Report No.DuPont-17471	46977410	352	Own	
870.5300	Hydrogenated Catmint Oil: In Vitro Mammalian Cell Gene Mutation Test (L5178Y/TK+/- Mouse Lymphoma Assay): Report No.DuPont-17847	46977413	352	Own	
870.5300	Hydrogenated Catmint Oil: In Vitro Kinetics in Rat and Human Skin: Report No.DuPont-19930 RV1	47015601	352	Own	
870.5375	Hydrogenated Catmint Oil: In Vitro Mammalian Chromosome Aberration Study in Human Peripheral Blood Lymphocytes: Final Report: Report No.DuPont-17472	46977411	352	Own	
870.5395	Hydrogenated Catmint Oil: Mouse Bone Marrow Micronucleus Test: Report No.DuPont-18623 RV1	46977412	352	Own	
870.6200	Hydrogenated Catmint Oil: Acute Oral Neurotoxicity Study in Rats: Report No.DuPont-19148	46977409	352	Own	
870.3100, 870.7800	Hydrogenated Catmint Oil: Subchronic Toxicity 90-Day Oral Gavage Study and Immunotoxicity 28- Day Oral Gavage Study in Rats: Report No.DuPont-17374	46977407	352	Own	
870.1100	H-27923: Acute Dermal Toxicity Study in Rats: Report No.DuPont-22750	47181302	352	Own	
870.1100	H-27923: Acute Oral Toxicity Study in Rats - Up- and-Down Procedure: Report No.DuPont-22811	47181301	352	Own	
870.1300	H-27923: Inhalation Median Lethal Concentration (LC50) Study in Rats: Report No.DuPont-21690	47181306	352	Own	

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Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
870.2400	H-27923: Acute Eye Irritation Study in Rabbits: Report No.DuPont-22812	47181303	352	Own	
870.2500	H-27923: Acute Dermal Irritation Study in Rabbits: Report No.DuPont-22470	47181304	352	Own	
870.2600	H-27923: Local Lymph Node Assay (LLNA) in Mice: Report No.DuPont-21296	47181305	352	Own	
870.1100	Lotion 1630802C: Acute Dermal Toxicity Study in Rats: Report No.DuPont-20889	46977302	352	Own	
870.1100	Lotion 1630802C: Acute Oral Toxicity Study in Rats: Report No.DuPont-20904	46977301	352	Own	
870.1300	Formulation CU 1630802C: Median Lethal Inhalation Concentration Waiver Request.: Report No.NA	46977306	352	Own	
870.2400	Lotion 1630802C: Acute Eye Irritation Study in Rabbits: Report No.	46977303	352	Own	
870.2500	Lotion 1630802C: Acute Dermal Irritation Study in Rabbits: Report No.DuPont-20707	46977304	352	Own	
870.2600	Lotion 1630802C: Local Lymph Node Assay (LLNA) in Mice: Report No.DuPont-20161	46977305	352	Own	
Signature  		Name and Title: Bonnie J Bieber Registration Specialist		Date: 17-Oct-2016	



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**Data Matrix**

Date: 17-Oct-2016

Applicant's / Registrant's Name & Address:

E. I. DuPont de Nemours and Company, DuPont Crop Protection,  
P.O. Box 30, Newark, DE 19714-0030

Product:

Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta  
cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7%  
Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-  
904), Refined Oil of Nepeta cataria 15% Liquid (352-905)

Ingredient: Refined Oil of Nepeta cataria

Guideline  
Reference Number

Guideline Study name:

MRID  
Number

Submitter

Status

Note

352

Own

352

Own

352

Own

352

Own



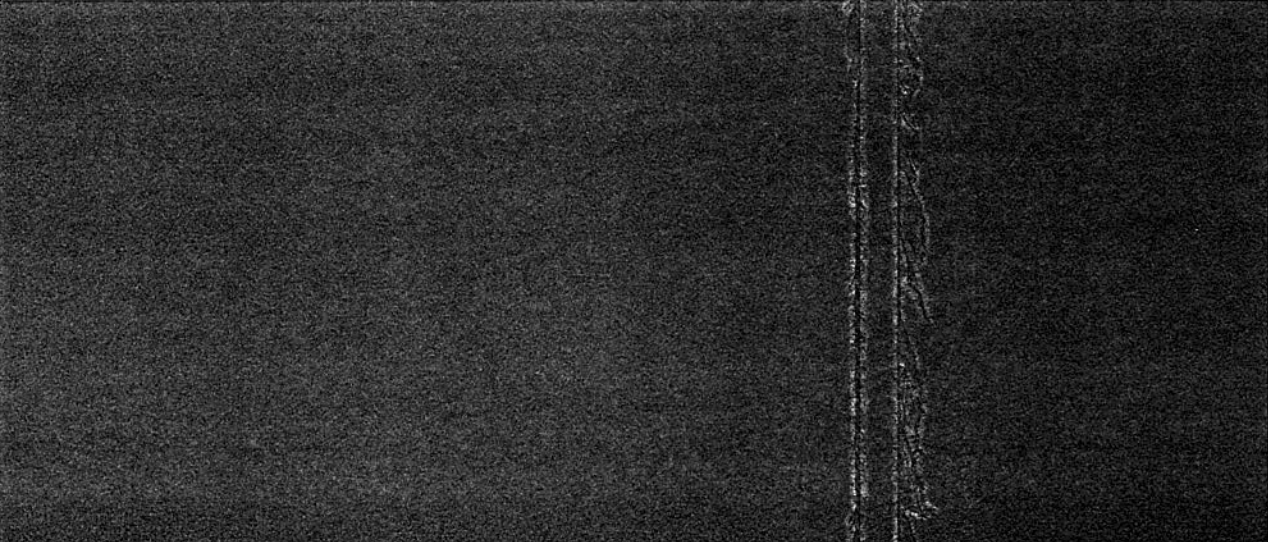
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Ingredient: Refined Oil of Nepeta cataria					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
			352	Own	
			352	Own	
			352	Own	
			352	Own	
			352	Own	
			352	Own	

2016

Form Approved OMB No. 2070-0060

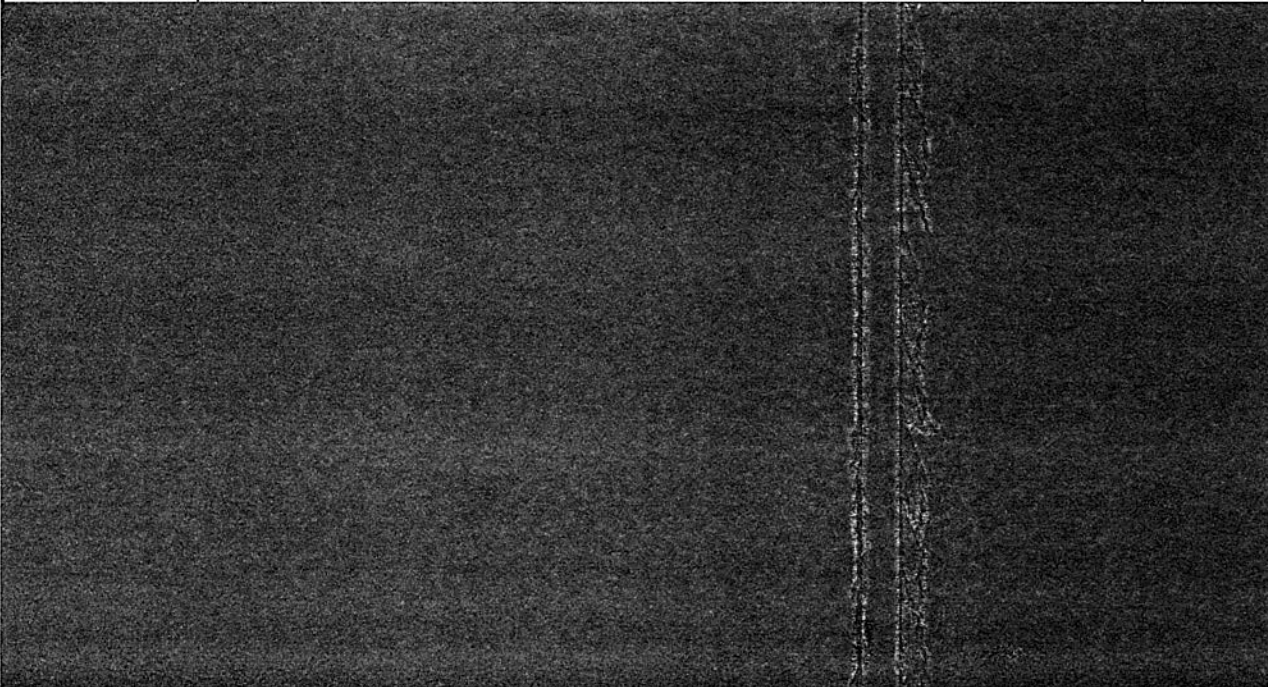
**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

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**Data Matrix**

Date: 17-Oct-2016	
Applicant's / Registrant's Name & Address:  E. I. DuPont de Nemours and Company, DuPont Crop Protection, P.O. Box 30, Newark, DE 19714-0030	Product:  Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7% Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-904), Refined Oil of Nepeta cataria 15% Liquid (352-905)

Ingredient: Refined Oil of Nepeta cataria

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
			352	Own	
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			352	Own	
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			352	Own	
			352	Own	

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E. I. DuPont de Nemours and Company, DuPont Crop Protection,  
P.O. Box 30, Newark, DE 19714-0030

Product:

Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7% Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-904), Refined Oil of Nepeta cataria 15% Liquid (352-905)

Ingredient: Refined Oil of Nepeta cataria

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E. I. DuPont de Nemours and Company, DuPont Crop Protection,  
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Guideline Study name:

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Ingredient: Refined Oil of Nepeta cataria

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Form Approved OMB No. 2070-0060

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**WASHINGTON, D.C. 20460**

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**Data Matrix**

Date: 17-Oct-2016

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Product:

Refined Oil of Nepeta cataria (352-901), Refined Oil of Nepeta  
cataria 15% Lotion (352-902), Refined Oil of Nepeta cataria 7%  
Lotion (352-903), Refined Oil of Nepeta cataria 7% Liquid (352-  
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Ingredient: Refined Oil of Nepeta cataria

Guideline  
Reference Number

Guideline Study name:

MRID  
Number

Submitter

Status

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Signature

Name and Title: Bonnie J Bieber  
Registration Specialist

Date: 17-Oct-2016



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**1200 Pennsylvania Avenue, N.W.**  
**WASHINGTON, D.C. 20460**

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division (2822T), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number DuPont Crop Protection, 1090 Elkton Rd, Newark, Delaware 19714-0030 , 302-451-4525	EPA Registration Number/File Symbol 352-901
Active Ingredient(s) and/or representative test compound(s) Refined Oil of Nepeta cataria	Date 10-17-16
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Residential Outdoor	Product Name Refined Oil of Nepeta Cataria

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT (Check one method only)**

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

17-Oct-2016

Typed or Printed Name and Title

Bonnie J. Bieber, Registration Specialist





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

May 07, 2014

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

MR. JACOB J. VUKICH  
E. I. DU PONT DE NEMOURS AND COMPANY (S300/419)  
MANAGER, REGISTRATION & REGULATORY AFFAIRS  
1007 MARKET STREET  
WILMINGTON, DE 19898-0001

Dear Mr. Vukich:

Subject: Transfer of Pesticide Registrations and Data From Company Number 71654 to Company Number 352

Pursuant to your request in your letter and transfer agreement of December 13, 2013, and subsequently received information, we have approved the transfer of the following registrations from **E.I. DUPONT DE NEMOURS AND COMPANY (DUPONT CHEMICALS & FLUROPRODUCTS)**, company number **71654** to **E. I. DU PONT DE NEMOURS AND COMPANY (S300/419)**, company number **352**.

The effective date of these changes is the date of this letter.

<u>Registered Products</u>	<u>Old EPA Reg. No.</u>	<u>New EPA Reg. No.</u>
REFINED OIL OF NEPETA CATARIA	71654-20	352-901
REFINED OIL OF NEPETA CATARIA 7% LOTION	71654-21	352-902
REFINED OIL OF NEPETA CATARIA 15% LOTION	71654-23	352-903
REFINED OIL OF NEPETA CATARIA 7% LIQUID	71654-24	352-904
REFINED OIL OF NEPATA CATARIA 15% LIQUID	71654-25	352-905

You should indicate the new company designation, new EPA Registration Number and new Establishment Number (if it has changed) on the labeling at the next printing which should occur no later than 18 months after the effective date of this transfer. After 18 months, any product released for shipment must bear the new Registration Number and Establishment Number. If you intend to use the labels which currently appear on the transferor's product after the effective date of the transfer, but within the 18 month grace period, you must maintain

complete and accurate records which identify by batch number, lot number, or other suitable description the quantities of such product bearing the transferor's label. Each container or package bearing the transferor's label which is released after the effective date of product registration transfer, must be clearly and accurately marked with the batch number, lot number or other descriptive designation used to identify the product in your records.

Supplemental distribution agreements of registered products do not transfer with the Section 3 registration. It is your responsibility as the registrant to notify any and all supplemental distributors of the transferred product(s) of this transfer agreement. If you wish to enter into supplemental distribution agreements of your product(s) under this new registration, the form "Notice of Supplemental Distribution of a Registered Pesticide Product," EPA Form 8570-5, must be submitted to the Agency for each supplemental distributorship.

You are required to contact your local EPA Regional Office to determine what effect this transfer of pesticide registrations has on the pesticide production establishment registration.

It will not be necessary to submit labeling for review if the only changes are in the company designation and the EPA Registration Number. Other changes in the product and/or labeling may require EPA review and approval prior to distribution or sale of the product containing the new registration number. In any correspondence on these products always refer to the U.S. EPA Registration Number listed above.

The transferred registration will have the same status under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, 7 USC 136 et seq., as it had prior to the approval of this transfer.

When registrations are transferred from one company to a second company, all restrictions, data requirements, conditions (suspensions), and deadlines existing on the registrations are transferred with the registrations. The new company is responsible for adhering to or complying with all such restrictions, etc. on the acquired products.

With regard to deadlines, the transferee company is responsible for submitting all required data according to the schedules already established for the acquired products. Failure to do so will result in the issuance of a Notice of Intent to Suspend. Requests from transferee companies for additional time to submit, because they acquired the registration(s) after the 3(c)(2)(B) request was issued will not be granted. If a transferee company has other valid reasons for delays in the testing which were clearly outside of their control, then such requests for time extensions will be considered in accordance with the established procedures. Transfers occurring while a 3(c)(2)(B) request is being issued or during the 90-day response time are subject to the same conditions expressed above.

Registration is in no way to be construed as an endorsement or approval of these products by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with FIFRA.

Furthermore, the transfer of the subject registrations is approved under the condition that the annual maintenance fee obligation has been fully satisfied. The annual maintenance fee

is based solely on the total number of active section 3 and section 24(c) registrations held by the transferor. If the annual maintenance fee has not been fully satisfied, the transferee and transferor will be notified to comply within a specified time period or the affected registrations may be canceled.

The Agency acknowledges it has received a request for data transfer dated December 13, 2013, with subsequently received information, to transfer data ownership from the transferor to the transferee. The data transfer is effective the date of this letter. After this date **E. I. DU PONT DE NEMOURS AND COMPANY (S300/419)** will be considered the data owner. This action will not automatically reflect on the Data Submitters List. If you want to be added to the Data Submitters List, you must submit a request to:

Document Processing Desk (DSL)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460

By copy of this letter we are informing the transferor of these changes. If you have any questions about this transfer approval please contact Louis Vaughn at (703) 308-8114.

Sincerely,



Steve Robbins, Chief  
Information Services Branch  
Information Technology & Resource Management Div. (7504P)

cc: MR. THOMAS C. MCENTEE  
E.I. DUPONT DE NEMOURS AND COMPANY  
DUPONT CHEMICALS & FLUOROPRODUCTS  
P.O. Box 80402  
WILMINGTON, DE 19880-0402

RE: L\_71654\_RAD\_352\_05\_07\_2014

## APPENDIX A

Reference: 40 CFR § 152.98 (a) (3)

For Exclusive Use See: 7 USC § 136 et seq., (FIFRA) Sec. 3 (c) (1) (F) and 40 CFR § 152.83(c)

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
46977300	Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Refined Oil of Nepeta cataria 15% Lotion. Transmittal of 8 Studies	E. I. DU PONT DE NEMOURS AND COMPANY	11/1/2006	Y	11/1/2016
46977301	Lotion 1630802C: Acute Oral Toxicity Study in Rats - Up-and-Down Procedure. Project Number: 834, 16615, DUPONT/20904.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977302	Lotion 1630802C: Acute Dermal Toxicity Study in Rats. Project Number: DUPONT/20889, 16615, 673.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977303	Lotion 1630802C: Acute Eye Irritation Study in Rabbits. Project Number: DUPONT/20905, 16615, 602.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977304	Lotion 1630802C: Acute Dermal Irritation Study in Rabbits. Project Number: DUPONT/20707, 16615, 1008.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977305	Lotion 1630802C: Local Lymph Node Assay (LLNA) in Mice. Project Number: DUPONT/20161, 16615, 1234.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977306	Formulation CU 1630802C: Median Lethal Inhalation Concentration Waiver Request.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977310	Summary of Physical and Chemical Characteristics of Formulations CU 1630802C and CU 1630802D.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
46977311	Physical and Chemical Characteristics of 15 wt.% Hydrogenated Catmint Oil Lotion: Physical State, Flammability and pH. Project Number: 3280/14.	E. I. DU PONT DE NEMOURS AND COMPANY	11/4/2006	Y	11/1/2016
46977400	Submission of Product Chemistry, Toxicity, and Efficacy Data in Support of the Application for Registration of Refined Oil Of Nepeta cataria.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977401	Hydrogenated Catmint Oil: Acute Oral Toxicity Study in Rats - Up-and-Down Procedure. Project Number: DUPONT/17740, 15926, 834.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977402	Hydrogenated Catmint Oil: Acute Dermal Toxicity Study in Rats. Project Number: DUPONT/17550, 15926, 673.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977403	Hydrogenated Catmint Oil: Acute Eye Irritation Study in Rabbits. Project Number: DUPONT/17533, 15926, 602	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977404	Hydrogenated Catmint Oil: Acute Dermal Irritation Study in Rabbits. Project Number: DUPONT/17519, 15926, 1008.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977405	Hydrogenated Catmint Oil: Local Lymph Node Assay (LLNA) in Mice. Project Number: DUPONT/17409, 15926, 1234.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977406	Hydrogenated Catmint Oil: Inhalation Median Lethal Concentration (LC50) Study in Rats. Project Number: DUPONT/17408, 15926, 721.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
46977407	Hydrogenated Catmint Oil: Subchronic Toxicity 90-Day Oral Gavage Study and Immunotoxicity 28-Day Oral Gavage Study in Rats. Project Number: DUPONT/17324, 15926, 1026	E. I. DU PONT DE NEMOURS AND COMPANY	11/1/2006	Y	11/1/2016
46977408	Hydrogenated Catmint Oil: Developmental Toxicity Study in Rats. Project Number: DUPONT/17343, 15926, 841.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977409	Hydrogenated Catmint Oil: Acute Oral Neurotoxicity Study in Rats. Project Number: DUPONT/19148, 15926, 1261.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977410	Hydrogenated Catmint Oil: Bacterial Reverse Mutation Test. Project Number: DUPONT/17471, 15926, 500.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977411	Hydrogenated Catmint Oil: In Vitro Mammalian Chromosome Aberration Study in Human Peripheral Blood Lymphocytes: Final Report. Project Number: AB15GY/341/BTL, H/26993, 15926.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977412	Hydrogenated Catmint Oil: Mouse Bone Marrow Micronucleus Test. Project Number: DUPONT/18623, 15926, 572.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977413	Hydrogenated Catmint Oil: In Vitro Mammalian Cell Gene Mutation Test (L5178Y/TK+/- Mouse Lymphoma Assay). Project Number: AB15GY/704/BTL, 15926, 1537.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977415	Hydrogenated Catmint Oil: 28-Day Repeated-Dose Dermal Toxicity Study in Rats. Project Number: DUPONT/17327, 15926, 1012	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016



MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
46977420	Physical and Chemical Characteristics of Hydrogenated Catnip Oil (HCO): Color, Physical State, Odor, Flammability, pH and Viscosity: Final Report. Project Number: 3280/17.	E. I. DU PONT DE NEMOURS AND COMPANY	11/1/2006	Y	11/1/2016
46977422	Summary of Physical and Chemical Characteristics of Technical Grade Active Ingredient: (Refined Oil of Nepeta cataria).	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977424	Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Maine. Project Number: G3130306001A044, 0306/313/0142.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
46977425	Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Florida. Project Number: G3130306001A044, 0306/313/0143.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/1/2006	Y	11/1/2016
47003100	Submission of Product Chemistry Data in Support of the Application for Registration of Refined Oil of Nepeta cataria.	E. I. DU PONT DE NEMOURS AND COMPANY,	11/2/8/2006	Y	12/8/2016
47003101	Product Identity and Composition (Refined Oil of Nepeta cataria)	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016
47003102	Solubility Analysis, and Storage Stability Analysis of Hydrogenated Catnip Oil (HCO) Active Ingredient project Number: P00010, P0002395.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016
47003103	Enforcement Analytical Method for the Active Ingredient: (Hydrogenated Catnip Oil). Project Number: DUPONT/P00010, P0002366.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
47003104	Certified Limits and Supplement to Preliminary Analysis.	E. I. DU PONT DE NEMOURS AND COMPANY	12/8/2006	Y	12/8/2016
47003105	Determination of Boiling Point and Vapor Pressure (Static Method) for a Liquid TGA1 and Viscosity for Two Lotion Formulations. Project Number: DUPONT/P00011, 50487.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016
47003300	Submission of Product Chemistry Data in Support of the Application for Registration of Refined Oil of Nepeta cataria 15% Lotion.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016
47003301	Identity and Composition of Formulations CU 1630802C and CU 1630802D.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016
47003302	Analytical Method for Formulations: Refined Oil of Nepeta cataria 15% Lotion. Project Number: 00010, 0002366, E108324/119.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016
47003303	Certified Limits Lotion Formulation CLI 1630802C and CLI 1630802D.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/8/2006	Y	12/8/2016
47013900	Submission of Product Chemistry Data in Support of the Application for Registration of Refined Oil of Nepeta cataria 7 Percent Lotion.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/27/2006	Y	12/27/2016
47013901	Physical and Chemical Characteristics of 7 wt Percent Hydrogenated Catmint Oil Lotion: Physical State, Flammability and pH: Nepeta cataria Oils. Project Number: 3280/13.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/27/2006	Y	12/27/2016

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
47015600	Submission of Toxicity and Efficacy Data in Support of the Application for Registration of Refined Oil of Nepeta cataria.	E. I. DU PONT DE NEMOURS AND COMPANY	12/28/2006	Y	12/28/2016
47015601	Hydrogenated Catmint Oil: In Vitro Kinetics in Rat and Human Skin. Project Number: 19930, 15926, 1377.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/28/2006	Y	12/28/2016
47015602	Evaluation of the Efficacy of Personal Repellents Against Black Flies in Maine. Project Number: G3130306002A121, 0306/313/0141.	E. I. DU PONT DE NEMOURS AND COMPANY,	12/28/2006	Y	12/28/2016
47113800	Submission of Efficacy Data in Support of the Application for Registration of Refined Oil of Nepeta cataria Technical, Refined Oil of Nepeta cataria 15% Lotion, and Refined Oil of Nepeta cataria 7% Lotion.	E. I. DU PONT DE NEMOURS AND COMPANY,	04/24/2007	Y	04/24/2017
47113801	Documentation of Ethical Conduct: Evaluation of the Efficacy of Personal Repellents Against Black Flies in Maine. Project Number: 0306/313/0141.	E. I. DU PONT DE NEMOURS AND COMPANY,	04/24/2007	Y	04/24/2017
47113802	Documentation of Ethical Conduct: Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Maine. Project Number: 0306/313/0142, G3130306001A044.	E. I. DU PONT DE NEMOURS AND COMPANY,	04/24/2007	Y	04/24/2017
47113803	Documentation of Ethical Conduct: Evaluation of the Efficacy of Personal Repellents Against Mosquitoes in Florida. Project Number: 0306/313/0143, G3130306001A044.	E. I. DU PONT DE NEMOURS AND COMPANY,	04/24/2007	Y	04/24/2017
47181300	Submission of Toxicity, Product Chemistry and Efficacy Data in Support of the Application for Registration of Refined Oil of Nepeta cataria 15% Liquid.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
47181301	H-27923: Acute Oral Toxicity Study in Rats - Up-and-Down Procedure. Project Number: DUPONT/22811, 17035, 834.	E. I. DU PONT DE NEMOURS AND COMPANY	07/18/2007	Y	07/18/2017
47181302	H-27923: Acute Dermal Toxicity Study in Rats. Project Number: DUPONT/22750, 17035, 673.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181303	H-27923: Acute Eye Irritation Study in Rabbits. Project Number: DUPONT/22812, 17035, 602.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181304	H-27923: Acute Dermal Irritation Study in Rabbits. Project Number: DUPONT/22470, 17035, 1008.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181305	H-27923: Local Lymph Node Assay (LLNA) in Mice. Project Number: DUPONT/21296, 17035, 1234.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181306	H-27923: Inhalation Median Lethal Concentration (LC50) Study in Rats. Project Number: DUPONT/21690, 17035, 721.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181307	Identity and Composition of 15% Refined Oil of Nepeta cataria Liquid Formulation.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181308	Physical and Chemical Characteristics of Refined Oil of Nepeta cataria 15% (w/w) Liquid Formulation 16307048: Physical State, Flammability, pH, Viscosity and Relative Density. Project Number: 3280/33, APEX838/06.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
47181309	Certified Limits: 1630704A Liquid and 1630704B Liquid.	E. I. DU PONT DE NEMOURS AND COMPANY	07/18/2007	Y	07/18/2017
47181310	Summary of Physical and Chemical Characteristics of Formulations CU 1630704A and CU 1630704A	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181311	Supplement to Efficacy Studies Submitted Under Refined Oil of Nepeta cataria Technical and Manufacturing-Use Product: EPA File Symbol 71654-ER: 1630704A Liquid and 1630704B Liquid	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181400	Submission of Product Chemistry Data in Support of the Application for Registration of Refined Oil of Nepeta cataria 7% Liquid.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181401	Identity and Composition of 7% Refined Oil of Nepeta cataria Liquid Formulation.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47181402	Physical and Chemical Characteristics of Refined Oil of Nepeta cataria 7% (w/w) Liquid Formulation 1630704A: Physical State, Flammability, pH, Viscosity, Relative Density. Project Number: 3280/32.	E. I. DU PONT DE NEMOURS AND COMPANY,	07/18/2007	Y	07/18/2017
47234300	Submission of Product Chemistry Data in Support of the Application for Registration of Refined Oil of Nepeta cataria 15% Lotion.	E. I. DU PONT DE NEMOURS AND COMPANY,	01/05/2007	Y	01/05/2017
47234301	Characterization of Aged Hydrogenated Catnip Oil (HCO) Formulations. Project Number P0002216, P00009.	E. I. DU PONT DE NEMOURS AND COMPANY,	01/05/2007	Y	01/05/2017

MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
47362600	Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of the Refined Oil of Nepeta cataria.	E. I. DU PONT DE NEMOURS AND COMPANY	03/04/2008	Y	03/04/2018
47362602	Supplement: Prediction of Minor Constituents of Refined Oil of Nepeta cataria as Likely Hydrogenation Products.	E. I. DU PONT DE NEMOURS AND COMPANY,	03/04/2008	Y	03/04/2018
47362603	Supplement to 'Evaluation of the Efficacy of Personal Repellents against Mosquitoes in Maine' (MRID 46977424), 'Evaluation of the Efficacy of Personal Repellents against Mosquitoes in Florida' (MRID 46977425) and 'Evaluation of the Efficacy of Personal Repellents against Blackflies in Maine' (MRID 47015602).	E. I. DU PONT DE NEMOURS AND COMPANY,	03/04/2008	Y	03/04/2018
47362604	Response from DuPont to the U.S. EPA Genetic Toxicity Recommendation in 'Science Review and Human Health Risk Assessment in Support of the Registration of the Insect Repellent Refined Oil of Nepeta cataria (TGA), and Two Lotion End-Use Products'.	E. I. DU PONT DE NEMOURS AND COMPANY,	03/04/2008	Y	03/04/2018
47370400	Submission of Product Chemistry Data in Support of the Application for Registration of Nepeta cataria oils.	E. I. DU PONT DE NEMOURS AND COMPANY,	03/13/2008	Y	03/13/2018
47370401	Supplement to Preliminary Analysis: Physical and Chemical Characteristics: (Nepeta cataria oils).	E. I. DU PONT DE NEMOURS AND COMPANY,	03/13/2008	Y	03/13/2018
47422900	Submission of Product Chemistry Data in Support of the Applications for Registration of Refined Oil of Nepeta cataria 15% Lotion and Refined Oil of Nepeta cataria 7% Lotion.	E. I. DU PONT DE NEMOURS AND COMPANY,	05/13/2008	Y	05/13/2018
47422901	Supplement to Product Chemistry Requirements: (Refined Oil of Nepeta cataria).	E. I. DU PONT DE NEMOURS AND COMPANY,	05/13/2008	Y	05/13/2018



MRID or other Identifying Administrative Number	Name of the Study	Name of Person or Lab that Conducted the Study	Date the Study was Submitted to EPA	Is Exclusive Use Claimed? (Y or N)	If Yes then, Date Period of Exclusive Use Ends
47425400	Submission of Product Chemistry Data in Support of the Applications for Registration of Refined Oil of Nepeta cataria 15% Liquid and Refined Oil of Nepeta cataria 7% Liquid.	E. I. DU PONT DE NEMOURS AND COMPANY	05/15/2008	Y	05/15/2018
47425401	Identity and Composition of 1630704A Liquid and 1630704B Liquid.	E. I. DU PONT DE NEMOURS AND COMPANY,	05/15/2008	Y	05/15/2018
48106200	Submission of Product Chemistry Data in Support of the Registrations of Refined Oil of Nepeta cataria Technical, Refined Oil of Nepeta cataria 15% Lotion, Refined Oil of Nepeta cataria 7% Lotion, Refined Oil of Nepeta cataria 15% Liquid and Refined Oil of Nepeta cataria 7% Liquid.	E. I. DU PONT DE NEMOURS AND COMPANY,	05/27/2008	Y	05/27/2018
48106201	One Year Storage Stability Analysis and Container Corrosion Characteristics of Refined Oil of Nepeta cataria and Refined Oil of Nepeta cataria Formulations. Project Number: CCAS/200702/S04, APEX/838/04.	E. I. DU PONT DE NEMOURS AND COMPANY,	05/27/2008	Y	05/27/2018



## CHEMICAL NAME/PESTICIDE CHEMICAL CODE (PCC)

## REQUEST FORM

CR# 07-0079

REQUESTOR NAME: <u>Leonard Cole</u>		Request date: <u>3/2/07</u>	
Tel: <u>305.5412</u>	ORG.: <u>BPP</u>	CUBE: <u>5-5426</u>	MAIL CODE: <u>7571 P</u>

## CSF ATTACHED:

☒ YES

If CSF is attached complete Item A and the chemical name in item C.

☐ NO

If CSF is not attached complete Item A through C.

## A. INFORMATION REQUIRED:

☒ Check Applicable Category☐

Provide PCC and Tolerance Exemption Status For Food-Use Inert ingredient (s).

☐

Provide PCC for Non-Food Use inert Ingredient (s).

☒

Provide PCC for Active Ingredient (s).

☐

Provide PCC for Dye.

☐

Determine if Fragrance is Acceptable for Use In Formulation.

☐

Other (Describe): \_\_\_\_\_

## B. PESTICIDE PRODUCT INFORMATION:

EPA Reg. No/File Symbol: <u>71654-EN</u>	Product Name: <u>Refined oil of Nepeta cataria</u>
Registrant: <u>E.I. du Pont de Nemours</u>	Food-Use Pesticide: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Percent in Formulation (For Fragrance) _____ /Dyes _____ )	

## C. INGREDIENT INFORMATION:

## Ingredient No.1

## INFORMATION REPORTED:

Chem. Name: <u>Refined oil of Nepeta cataria</u>	PCC: <u>004201</u>
Trade Name: <u>Cat Nep Oil</u>	TOL. STATUS:
CAS Reg. No.: _____	OTHER INF.: _____

## Ingredient No.2:

Chem. Name:	PCC:
Trade Name:	TOL. STATUS:
CAS Reg. No.:	OTHER INF.:

## Ingredient No.3

Chem. Name:	PCC:
Trade Name:	TOL. STATUS:
CAS Reg. No.:	OTHER INF.:

## Ingredient No.4:

Chem. Name:	PCC:
Trade Name:	TOL. STATUS:
CAS Reg. No.:	OTHER INF.:

Completed By: Algenes L. DebesDate Completed: 2/5/17

\*Inert ingredient information may be entitled to confidential treatment\*

new pcc form~3485919